

HEATED SHOE

ABSTRACT OF THE DISCLOSURE

A heated shoe for generating heat by using hydrocarbon reaction with oxygen is disclosed. The heated shoe is capable to keep warm for long periods, giving out heat by itself, having a simple structure and low costs for parts. The heated shoe includes a shoe body defining a vent hole and a temperature control valve formed on the sole thereof. The sole defines a recess in which a partition defining a through hole is fixed. The partition divides the recess into two areas, one for receiving a fuel vessel of volatile fuel and the other for receiving an activated thermal conductor. Gas volatilized from the fuel penetrates through the through hole of the partition to contact the activated thermal conductor. The volatilized gas reacts with oxygen contained in air entering from the vent hole and generates heat with the catalysis caused by catalyst of the activated thermal conductor. The generated heat is transferred through a thermal pad to the whole shoe.